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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/327,761	
	Filing Date	June 7, 1999	
	First Named Inventor	Donald W. Petersen	
	Group Art Unit	1651	
	Examiner Name	Jean C. Witz	
Total Number of Pages in This Submission	4	Attorney Docket Number	99,501

ENCLOSURES (check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Larry W. McKenzie Reg. No.: 28,239
Signature	<i>Larry W. McKenzie</i>
Date	11-3-00

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Re: Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Donald W. Petersen
Warren O. Haggard
Donald A. Randolph
Cary P. Hagan

Group Art Unit: 1651
Examiner: Jean C. Witz
Election/Restriction
Docket No.: 99,501

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NOV 14 2000

Assignee: Wright Medical Technology, Inc.
Application No.: 09/327,761
Filed: June 7, 1999
For: Bone Graft Substitute Composition

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ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

ELECTION / RESTRICTION

In response to the Office communication mailed October 4, 2000, please cancel
claims 1, 5-7 and 9-11, and please amend claims 2, 8 and 12 as follows:

- 1 Claim 2 (amended). A bone graft substitute composition comprising:
- 2 (a) calcium sulfate;
- 3 (b) a mixing solution selected from the group consisting of sterile water, inorganic
- 4 salts, and cationic surface active agents including sodium chloride, phosphate buffered
- 5 saline, potassium chloride, sodium sulfate, ammonium sulfate, ammonium acetate, and
- 6 sodium acetate;
- 7 (c) a plasticizing substance selected from the group consisting of cellulose
- 8 derivatives including sodium carboxymethylcellulose, methycellulose, hydroxypropyl
- 9 methylcellulose, ethylcellulose, hydroxyethylcellulose and cellulose acetate butyrate, and
- 10 higher molecular weight alcohols including glycerol and vinyl alcohols; and [The bone
- 11 graft substitute composition of claim 1 in which is included]
- 12 (d) demineralized bone matrix.

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Claim 8 (amended). A bone graft substitute composition comprising:

(a) calcium sulfate;

(b) a mixing solution selected from the group consisting of sterile water, inorganic

salts, and cationic surface active agents including sodium chloride, phosphate buffered

saline, potassium chloride, sodium sulfate, ammonium sulfate, ammonium acetate, and

sodium acetate;

(c) a plasticizing substance selected from the group consisting of cellulose

derivatives including sodium carboxymethylcellulose, methylcellulose, hydroxypropyl

methylcellulose, ethylcellulose, hydroxyethylcellulose and cellulose acetate butyrate, and

higher molecular weight alcohols including glycerol and vinyl alcohols; and [The bone

graft substitute composition of claim 1 in which is included]

(d) a bioactive agent selected from the group consisting of demineralized bone

matrix, growth factors, hyaluronic acid, bone morphogenic proteins, bone autograft,

therapeutic agents, analgesics, and bone marrow, bone allograft, and parenchymal and

mesenchymal cells.

Claim 12 (amended). A bone graft substitute composition comprising:

(a) approximately 80-120 parts medical grade calcium sulfate hemihydrate by
weight;

(b) approximately 21-250 parts sterile water by weight; and

(c) approximately 1-40 parts sodium carboxymethylcellulose by weight; and [The
bone graft substitute of claim 11 in which is included]

(d) approximately 10-100 parts demineralized bone matrix by weight.